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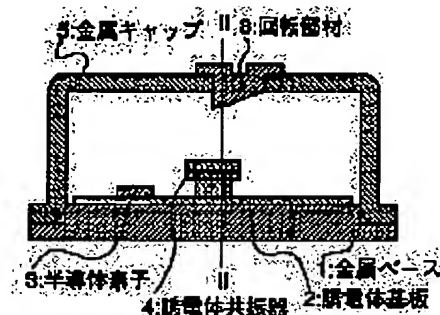
(21)Application number : 06-296908 (71)Applicant : SANYO ELECTRIC CO LTD
 (22)Date of filing : 30. 11. 1994 (72)Inventor : NISHIDA YASUAKI

(54) MICROWAVE OSCILLATOR

(57)Abstract:

PURPOSE: To save the space at a low cost by deviating a center of a frequency adjustment member from a center of a dielectric resonator and tilting a face of the frequency adjustment member opposite to a dielectric resonator with respect to a face of the dielectric resonator.

CONSTITUTION: A dielectric board 2 provided with a semiconductor element 3, a dielectric resonator 4 and a microstrip line is laminated on a metallic base 1 and an upper part of the metallic base 1 is covered by a metallic cap 5 with a frequency adjustment member 8 mounted thereon for adjustment of an oscillated frequency. The center of the frequency adjustment member 8 is deviated from the center of the dielectric resonator 4 and a face of the frequency adjustment member 8 opposite to the dielectric resonator 4 is tilted to a face of the dielectric resonator 4. Then a distance from the lower part of the frequency adjustment member 8 to the dielectric resonator 4 is changed by turning the frequency adjustment member 8 and then the oscillating frequency is adjusted.



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